

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	18	"L2" and electron with (source or emit\$4 or inject\$4) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4) and (aperture or orifice or open\$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4) and cathode and extract\$4 with (array or grid or mesh or screen)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/18 11:10
S1	7557	(250/396r-396ml).OCLS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/14 12:02
S2	4189	@ad<"20031230" and S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/14 12:07
S3	782	@ad<"20031230" and S1 and electron beam with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/14 12:08
S4	429	@ad<"20031230" and S1 and electron with (source or emit\$4 or inject\$4) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/14 12:12

S5	258	@ad<"20031230" and S1 and electron with (source or emitt\$4 or inject\$4) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several\$4) and (aperture or orifice or open\$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/14 12:15
S6	0	@ad<"20031230" and S1 and electron with (source or emitt\$4 or inject\$4) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several\$4) and (aperture or orifice or open\$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several\$4) and cathode same extract\$4 with (array or grid or mesh or screen)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/14 14:07
S7	14	@ad<"20031230" and S1 and electron with (source or emitt\$4 or inject\$4) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several\$4) and (aperture or orifice or open\$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several\$4) and cathode and extract\$4 with (array or grid or mesh or screen)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/14 14:08

S8	153752	("250").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/14 14:15
S9	42	@ad<"20031230" and S8 and electron with (source or emitt\$4 or inject\$4) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4) and (aperture or orifice or open\$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi \$4 or several\$4) and cathode and extract\$4 with (array or grid or mesh or screen)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/14 14:15
S10	153753	("250").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/18 13:01
S11	58	@ad<"20031230" and S10 and electron with (source or emitt\$4 or inject\$4) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4) and (aperture or orifice or open\$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi \$4 or several\$4) and cathode and extract\$4 with (array or grid or mesh or screen or matri \$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/18 13:01
S12	153802	("250").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/19 17:52

S13	6	@ad<"20031230" and S12 and electron with (source or emitt\$4 or inject\$4) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4) and (aperture or orifice or open\$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4) and cathode and extract\$4 with (array or grid or mesh or screen or matri\$4) and (micro?point\$4 or micro point\$4 or micropoint\$4 or nano?tub\$4 or nano tub\$4 or nanotub\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/19 17:52
S14	18107	(250/396R-396ML,492.1-492.3,493.1-494.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/20 13:08
S15	27	@ad<"20031230" and S14 and electron with (source or emitt\$4 or inject\$4) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4) and (aperture or orifice or open\$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4) and cathode and extract\$4 with (array or grid or mesh or screen or matri\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/20 13:08

S16	4	@ad<"20031230" and S14 and electron with (source or emitt\$4 or inject\$4) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several\$4) and (aperture or orifice or open\$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several\$4) and cathode and extract\$4 with (array or grid or mesh or screen or matri \$4) and (micro?point\$4 or micro point\$4 or micropoint\$4 or nano?tub \$4 or nano tub\$4 or nanotub\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/20 13:08
S17	1	@ad<"20031230" and S14 and electron with (source or emitt\$4 or inject\$4) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several\$4) and (aperture or orifice or open\$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several\$4) and cathode and extract\$4 with (array or grid or mesh or screen or matri \$4) and substrate same3 cathode same3 extract\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/20 13:14

S18	15	@ad<"20031230" and S14 and electron with (source or emit\$4 or inject\$4) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several\$4) and (aperture or orifice or open\$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several\$4) and cathode and extract\$4 with (array or grid or mesh or screen or matri\$4) and substrate same3 cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/20 13:19
S19	2	("5548185").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/20 13:24
S20	2	((YOHAN) near2 (DESIERES)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/05/20 13:28
S21	56	((PIERRE) near2 (NICOLAS)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/10/14 12:48
S22	4	((CHARLOTTE) near2 (GILLOT)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/10/14 12:48
S23	32	((SERGE) near2 (GIDON)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/10/14 12:48
S24	16	((JEAN-LUC) near2 (MARTIN)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/10/14 12:48
S25	3	((YOHAN) near2 (DESIERES)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/10/14 12:49
S26	105	S25 S24 S23 S22 S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/14 12:49
S27	3748	COMMISSARIAT ADJ2 L'ENERGIE ADJ ATOMIQUE.AS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/14 12:51
S28	61	@AD<"20041229" AND S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/14 12:55

S29	12	US-5548185-\$.DID. OR US-5430347-\$.DID. OR US-1249855-\$.DID. OR US-1101602-\$.DID. OR US-6091202-\$.DID. OR US-1380126-\$.DID. OR US-8911157-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/14 12:55
S30	10	EP-1249855-\$.DID. OR US- 5548185-\$.DID. OR EP- 0780879-\$.DID. OR US- 1380126-\$.DID. OR WO- 02082497-\$.DID. OR US- 5763997-\$.DID. OR DE- 69615804-\$.DID. OR DE- 69615804D-\$.DID. OR JP- 3033484-\$.DID. OR JP- 9171794-\$.DID. OR US- 6091202-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/14 13:01
S31	10	EP-1249855-\$.DID. OR US- 5548185-\$.DID. OR EP- 0780879-\$.DID. OR US- 1380126-\$.DID. OR WO- 02082497-\$.DID. OR US- 5763997-\$.DID. OR DE- 69615804-\$.DID. OR DE- 69615804D-\$.DID. OR JP- 3033484-\$.DID. OR JP- 9171794-\$.DID. OR US- 6091202-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/05 12:47
S32	8	@AD<"20041229" AND S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/05 12:47
S33	18559	(250/396R-396ML,492.1- 492.3,493.1-494.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/05 12:50
S34	981	@AD<"20031230" and S33 and electron with (source or emitt\$4 or inject\$4 or gun or cathode or filament) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi \$4 or several\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/05 12:50

S35	547	@ad<"20031230" and S33 and electron with (source or emitt\$4 or inject\$4 or gun or cathode or filament) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several\$4) and (aperture or orifice or open \$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/05 12:54
S36	0	@ad<"20031230" and S33 and electron with (source or emitt\$4 or inject\$4 or gun or cathode or filament) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several\$4) and (aperture or orifice or open \$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several\$4) and (Ag or gold) with (ball or spher\$7 or dome)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/05 12:56
S37	1	@ad<"20031230" and S33 and electron with (source or emitt\$4 or inject\$4 or gun or cathode or filament) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several\$4) and (aperture or orifice or open \$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/05 12:56

		many or multi\$4 or multi\$4 or several\$4) and (Ag or gold) same (ball or spher\$7 or dome)				
S38	4	@ad<"20031230" and S33 and electron with (source or emitt\$4 or inject\$4 or gun or cathode or filament) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4) and (aperture or orifice or open \$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4) and (Ag or gold) same (ball or spher\$7 or dome or glob \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/05 12:57
S39	0	@ad<"20031230" and S33 and electron with (source or emitt\$4 or inject\$4 or gun or cathode or filament) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4) and (aperture or orifice or open \$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4) and (Ag or gold) with (ball or spher\$7 or dome or glob \$3 or round\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/05 12:57

S40	4	@ad<"20031230" and S33 and electron with (source or emitt\$4 or inject\$4 or gun or cathode or filament) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi \$4 or several\$4) and (aperture or orifice or open \$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi \$4 or several\$4) and (Ag or gold) same (ball or spher\$7 or dome or glob \$3 or round\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/05 12:57
S41	234	@ad<"20031230" and S33 and electron with (source or emitt\$4 or inject\$4 or gun or cathode or filament) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi \$4 or several\$4) and (aperture or orifice or open \$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi \$4 or several\$4) and (ball or spher\$7 or dome or glob\$3 or round\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/05 13:03
S42	158	@ad<"20031230" and S33 and electron with (source or emitt\$4 or inject\$4 or gun or cathode or filament) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi \$4 or several\$4) and (aperture or orifice or open \$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/05 13:03

		array or matrix or matrix\$3 or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4) and (ball or sphere\$7)				
S43	4	@ad<"20031230" and S33 and electron with (source or emit\$4 or inject\$4 or gun or cathode or filament) with (plural\$4 or array or matrix or matrix\$3 or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4) and (aperture or orifice or open\$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or matrix or matrix\$3 or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4) and (ball or sphere\$7) with (metal\$4 or alloy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/05 13:04
S44	4	S43 not S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/05 13:04
S45	547	@ad<"20031230" and S33 and electron with (source or emit\$4 or inject\$4 or gun or cathode or filament) with (plural\$4 or array or matrix or matrix\$3 or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4) and (aperture or orifice or open\$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or matrix or matrix\$3 or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/05 13:18

S46	2	("5548185").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/05 14:01
S47	949	@ad<"20031230" and S33 and electron with (source or emitt\$4 or inject\$4 or gun or beam) with (plural \$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi \$4 or several\$4) and (aperture or orifice or open \$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi \$4 or several\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/05 14:13
S48	259	@ad<"20031230" and S33 and electron with (source or emitt\$4 or inject\$4 or gun or beam) with (plural \$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi \$4 or several\$4) and (electrod\$4) with (aperture or orifice or open \$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi \$4 or several\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/05 14:17
S50	72	@ad<"20031230" and S33 and electron with (source or emitt\$4 or inject\$4 or gun or beam) with (plural \$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi \$4 or several\$4) and (electrod\$4) with (aperture or orifice or open \$3 or inlet or entrance or diaphragm or passage\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/05 14:19

		or hole) with (plural\$4 or array or matrix or matrix\$3 or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4) with (membrane or layer or surface)				
S51	72	@ad<"20031230" and S33 and electron with (source or emit\$4 or gun or beam) with (plural\$4 or array or matrix or matrix\$3 or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4) and (electrode\$4) with (aperture or orifice or opening\$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or matrix or matrix\$3 or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4) with (membrane or layer or surface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/05 14:29
S52	60	@ad<"20031230" and S33 and electron with (source or emit\$4 or gun or beam) with (plural\$4 or array or matrix or matrix\$3 or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4) and (electrode\$4) with (aperture or diaphragm) with (plural\$4 or array or matrix or matrix\$3 or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4) with (membrane or layer or surface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/05 14:30

S53	1	@ad<"20031230" and S33 and electron with (source or emit\$4 or gun or beam) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4) and (electrod\$4) with (aperture or diaphragm) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4) with (membrane or layer or surface) and electrode with (metal\$4 or conduct \$4 or semiconduct\$4) with membrane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/05 14:37
S54	34	@ad<"20031230" and S33 and electron with (source or emit\$4 or gun) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4) and (electrod \$4) with (aperture or diaphragm) with (plural\$4 or array or matrix or matri \$3 or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4) with (membrane or layer or surface) and electrode with (metal\$4 or conduct \$4 or semiconduct\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/05 14:55
S55	32	@ad<"20031230" and S33 and electron beam with (source or emit\$4 or gun) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4) and (electrod\$4) with (aperture or diaphragm) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/05 15:12

		multi\$4 or multi\$4 or several\$4) with (membrane or layer or surface) and electrode with (metal\$4 or conduct\$4 or semiconduct\$4)				
S56	40	@ad<"20031230" and S33 and electron beam with (source or emit\$4 or gun) with (plural\$4 or array or matrix or matrix\$3 or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4) and (electrod\$4) with (aperture or diaphragm) with (plural\$4 or array or matrix or matrix\$3 or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4) with (substrate or plate or membrane or layer or surface) and electrode with (metal\$4 or conduct\$4 or semiconduct\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/05 15:13
S57	40	@ad<"20031230" and S33 and electron beam with (source or emit\$4 or gun) with (plural\$4 or array or matrix or matrix\$3 or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4) and (electrod\$4) with (aperture or diaphragm) with (plural\$4 or array or matrix or matrix\$3 or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4) with (substrate or plate or membrane or layer or surface) and electrode with (metal\$4 or conduct\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/05 15:13
S58	2	"US 20070080647"	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/11/05 15:15

S59	8	@ad<"20031230" and S33 and electron beam with (source or emitt\$4 or gun) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4) same (electrod\$4) with (aperture or diaphragm) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4) with (substrate or plate or membrane or layer or surface) and electrode with (metal\$4 or \$4conduct\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/05 15:35
S60	1	(US-5363021-\$).did.	USPAT	ADJ	ON	2009/11/05 17:10
S61	1	(US-20050035300-\$).did.	US-PGPUB	ADJ	ON	2009/11/05 17:12
S62	1	(US-20030218140-\$).did.	US-PGPUB	ADJ	ON	2009/11/05 17:12
S63	1	(US-20010052576-\$).did.	US-PGPUB	ADJ	ON	2009/11/05 17:12
S64	1	(US-6872950-\$).did.	USPAT	ADJ	ON	2009/11/05 17:13
S65	1	(US-6617595-\$).did.	USPAT	ADJ	ON	2009/11/05 17:13
S66	1	(US-6512235-\$).did.	USPAT	ADJ	ON	2009/11/05 17:13
S67	1	(US-6175122-\$).did.	USPAT	ADJ	ON	2009/11/05 17:14
S68	1	(US-5981962-\$).did.	USPAT	ADJ	ON	2009/11/05 17:14
S69	1	(US-5962859-\$).did.	USPAT	ADJ	ON	2009/11/05 17:14
S70	1	(US-5486697-\$).did.	USPAT	ADJ	ON	2009/11/05 17:15
S71	1	(US-5363021-\$).did.	USPAT	ADJ	ON	2009/11/05 17:15
S72	11	S60 S61 S62 S63 S64 S65 S66 S67 S68 S69 S70 S71	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/05 17:15

S73	1	(US-5363021-\$).did.	USPAT	ADJ	ON	2009/11/05 17:17
S74	19161	(250/396R-396ML,492.1-492.3,493.1-494.1).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/09 12:56
S75	167	@ad<"20031230" and S74 and electron with (source or emit\$4 or inject\$4 or gun or cathode or filament) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4) and (speher\$4 or ball\$2 or round\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 12:56
S76	6	@ad<"20031230" and S74 and electron with (source or emit\$4 or inject\$4 or gun or cathode or filament) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multi\$4 or multi\$4 or several\$4) and (speher\$4 or ball\$2 or round\$4) with metal\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 13:02
S77	4	((YOHAN) near2 (DESIERES)).INV.	US-PGPUB; USPAT	ADJ	ON	2010/06/09 13:12
S78	63	((PIERRE) near2 (NICOLAS)).INV.	US-PGPUB; USPAT	ADJ	ON	2010/06/09 13:12
S79	5	((CHARLOTTE) near2 (GILLOT)).INV.	US-PGPUB; USPAT	ADJ	ON	2010/06/09 13:12
S80	36	((SERGE) near2 (GIDON)).INV.	US-PGPUB; USPAT	ADJ	ON	2010/06/09 13:12
S81	18	((JEAN-LUC) near2 (MARTIN)).INV.	US-PGPUB; USPAT	ADJ	ON	2010/06/09 13:12
S82	12	US-5548185-\$.DID. OR US-5430347-\$.DID. OR US-1249855-\$.DID. OR US-1101602-\$.DID. OR US-6091202-\$.DID. OR US-1380126-\$.DID. OR US-8911157-\$.DID.	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 13:12
S83	2748	@ad<"20031230" and COMMISSARIAT A L'ENERGIE ATOMIQUE.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 13:13

S84	2792	@ad<"20031230" and (S78 or S79 or S80 or S81 or S82 or S77 or S83)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 13:13
S85	239	@ad<"20031230" and (S78 or S79 or S80 or S81 or S82 or S77 or S83) and electron near3 (source or beam or emitt\$4 or cathode or anode or filament)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 13:14
S86	165	@ad<"20031230" and (S78 or S79 or S80 or S81 or S82 or S77 or S83) and electron near3 (source or beam or emitt\$4 or cathode or anode or filament) and (spher\$4 or ball or drop or dots or particle or matri\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 13:17
S87	154	@ad<"20031230" and (S78 or S79 or S80 or S81 or S82 or S77 or S83) and electron near3 (source or beam or emitt\$4 or cathode or anode or filament) and (\$5spher\$4 or \$6ball or drop or dots or particle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 13:21
S88	83	@ad<"20031230" and (S78 or S79 or S80 or S81 or S82 or S77 or S83) and electron near3 (source or beam or emitt\$4 or cathode or anode or filament) and (\$5spher\$4 or \$6ball)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 13:21
S89	58664	@ad<"20031230" and electron near2 (source or beam or emitt\$4 or cathode or anode or filament) and (\$5spher\$4 or \$6ball)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 13:40
S90	13134	@ad<"20031230" and electron near2 (source or beam or emitt\$4 or cathode or anode or filament) same (\$5spher\$4 or \$6ball)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 13:41

S91	597	@ad<"20031230" and S74 and electron near2 (source or beam or emitt \$4 or cathode or anode or filament) same (\$5spher \$4 or \$6ball)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 13:41
S92	595	@ad<"20031230" and S74 and electron near2 (source or beam or emitt \$4 or cathode or anode or filament) same (\$4spher \$4 or \$6ball)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 13:42
S93	27	@ad<"20031230" and S74 and electron near2 (source or beam or emitt \$4 or cathode or anode or filament) same (\$4spher \$4 or \$6ball) with (Au or gold or metal\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 13:43
S94	64	@ad<"20031230" and S74 and electron near2 (source or beam or emitt \$4 or cathode or anode or filament) same (\$4spher \$4 or \$6ball) same (Au or gold or metal\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 13:43
S95	27	S93 not S88	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 13:43
S96	5	@ad<"20031230" and S74 and electron near2 (source or beam or emitt \$4 or cathode or anode or filament) same ((\$4spher \$4 xor atmospher\$4) or (atmospher\$4 and hemisper\$4) or \$6ball) with (Au or gold or metal \$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 13:50
S97	37	S94 not S95	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 13:52
S98	37	S97 not S88	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 13:52

S99	0	@ad<"20031230" and S74 and electron near2 (source or beam or emitt \$4 or cathode or anode or filament) same (film or layer) with anisotropic conduction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 13:57
S100	0	@ad<"20031230" and S74 and electron near2 (source or beam or emitt \$4 or cathode or anode or filament) and (film or layer) with anisotropic conduction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 13:57
S101	0	@ad<"20031230" and S74 and electron near2 (source or beam or emitt \$4 or cathode or anode or filament) and (film or layer) same anisotropic conduction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 13:57
S102	0	@ad<"20031230" and S74 and electron near2 (source or beam or emitt \$4 or cathode or anode or filament) and (film or layer) and anisotropic conduction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 13:57
S103	147	@ad<"20031230" and S74 and electron near2 (source or beam or emitt \$4 or cathode or anode or filament) and (film or layer) and anisotropic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 13:58
S104	89	@ad<"20031230" and S74 and electron near2 (source or beam or emitt \$4 or cathode or anode or filament) and (film or layer) same anisotropic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 13:58
S105	62	@ad<"20031230" and S74 and electron near2 (source or beam or emitt \$4 or cathode or anode or filament) and (film or layer) with anisotropic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 13:58
S106	8	@ad<"20031230" and S74 and electron near2 (source or beam or emitt \$4 or cathode or anode or filament) and (film or layer) with anisotropic near3 conduct\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 13:58

S107	0	@ad<"20031230" and S74 and electron near2 (source or beam or emitt \$4 or cathode or anode or filament) same (film or layer) with anisotropic near3 conduct\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 13:58
S108	7	(US-20030025088-\$).did. or (US-6486479-\$ or US-6459090-\$ or US-6118129-\$ or US-5920077-\$ or US-5614725-\$ or US-5528048-\$).did.	US-PGPUB; USPAT	ADJ	ON	2010/06/09 13:59
S109	7	@ad<"20031230" and S108 and (film or layer) with anisotropic near3 conduct\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 13:59
S110	7	@ad<"20031230" and S108 and (film or layer) with anisotropic near3 conduct\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 15:04
S111	62	@ad<"20031230" and S74 and electron near2 (source or beam or emitt \$4 or cathode or anode or filament) and (film or layer) with anisotropic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 15:05
S112	54	(US-20040104357-\$ or US-20040061065-\$ or US-20040000649-\$ or US-20030197135-\$ or US-20030189180-\$ or US-20030102443-\$ or US-20030066749-\$ or US-20030025088-\$ or US-20020153496-\$ or US-20020060297-\$ or US-20010028046-\$ or US-20010028044-\$ or US-20010028043-\$ or US-20010028042-\$ or US-20010028038-\$).did. or (US-7282709-\$ or US-7201824-\$ or US-6986280-\$ or US-6984589-\$ or US-6847036-\$ or US-6841402-\$ or US-6812473-\$ or US-6627903-\$ or US-6486479-\$ or US-6459090-\$ or US-6455332-\$ or US-6118129-\$ or US-6042993-\$ or US-5920077-\$ or US-5916733-\$ or US-5814423-\$ or US-	US-PGPUB; USPAT; JPO	ADJ	ON	2010/06/09 15:05

		5729026-\$ or US-5614725-\$ or US-5528048-\$ or US-5363021-\$ or US-5338626-\$ or US-5283440-\$ or US-5254417-\$ or US-5244820-\$ or US-5234780-\$ or US-5215623-\$).did. or (US-5160843-\$ or US-5134301-\$ or US-5049460-\$ or US-4957835-\$ or US-4902898-\$ or US-4822451-\$ or US-4633090-\$ or US-4566937-\$ or US-4384208-\$ or US-4325084-\$ or US-3787720-\$).did. or (JP-04289411-\$ or JP-03008320-\$).did.				
S113	54	@ad<"20031230" and S112 and electron near2 (source or beam or emit \$4 or cathode or anode or filament) and (film or layer) with anisotropic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 15:05
S114	54	@ad<"20031230" and S112 and (film or layer) with anisotropic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 15:06
S115	0	@ad<"20031230" and S112 and (film or layer) with anisotropic and anisotropic conduct\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 16:08
S116	9	@ad<"20031230" and S112 and (film or layer) with anisotropic and anisotropic\$4 near5 conduct\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 16:08
S117	45	@ad<"20031230" and S74 and electron near2 (source or beam or emit \$4 or cathode or anode or filament) and (aperture or diaphragm or slit) and (film or layer) with anisotropic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 16:12
S118	11	(US-20050035300-\$ or US-20030218140-\$ or US-20010052576-\$).did. or (US-6872950-\$ or US-6617595-\$ or US-6512235-\$ or US-6175122-\$ or US-5981962-\$ or US-5962859-\$ or US-5486697-\$ or US-5363021-\$).did.	US-PGPUB; USPAT	ADJ	ON	2010/06/09 16:13

S119	1	@ad<"20031230" and S118 and anisotropic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 16:13
S120	3	@ad<"20031230" and S118 and anisotropic\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 16:13
S121	0	@ad<"20031230" and S74 and field oxide (layer or film) with anisotrop\$7 with conduct\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 16:33
S122	0	@ad<"20031230" and S74 and field oxide with (layer or film) with anisotrop\$7 with conduct\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 16:33
S123	0	@ad<"20031230" and S74 and field oxide with (layer or film) same anisotrop\$7 with conduct\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 16:33
S124	158	@ad<"20031230" and field oxide with (layer or film) same anisotrop\$7 with conduct\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 16:33
S125	65	@ad<"20031230" and field oxide (layer or film) with anisotrop\$7 with conduct\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 16:34
S126	0	@ad<"20031230" and field oxide (layer or film) with anisotrop\$7 conduct \$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 16:34
S127	35	@ad<"20031230" and field oxide (layer or film) with anisotrop\$7 near5 conduct\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 16:34
S128	5	@ad<"20031230" and field oxide (layer or film) with anisotrop\$7 near2 conduct\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/09 16:34
S129	1	(US-5363021-\$).did.	USPAT	ADJ	ON	2010/06/09 16:49

S130	0	S129 and (insulat\$4 or conduct\$4) with "80"	USPAT	ADJ	ON	2010/06/09 17:04
S131	1	S129 and (insulat\$4 or conduct\$4) same "80"	USPAT	ADJ	ON	2010/06/09 17:04
S132	5803	field oxide with (insulat\$4 or conduct\$4)	USPAT	ADJ	ON	2010/06/09 17:08
S133	2166	field oxide with (conduct \$4)	USPAT	ADJ	ON	2010/06/09 17:08
S134	571	field oxide near3 (conduct \$4)	USPAT	ADJ	ON	2010/06/09 17:08
S135	10	field oxide near3 (conduct \$4) and electron beam	USPAT	ADJ	ON	2010/06/09 17:08
S136	1	(US-5363021-\$).did.	USPAT	ADJ	ON	2010/06/09 17:16

EAST Search History (I interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	13037	(250/396R-396ML,492.1-492.3,493.1-494.1). CCLS	US-PGPUB; USPAT; UPAD	OR	OFF	2010/06/18 11:10
L4	43	L2 and electron with (source or emitt\$4 or inject\$4) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several \$4) and (aperture or orifice or open\$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several\$4) and cathode and extract \$4 with (array or grid or mesh or screen)	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/06/18 11:10

L5	63	L2 and electron beam with (source or emitt\$4 or gun) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several \$4) and (electrod\$4) with (aperture or diaphragm) with (plural \$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several \$4) with (substrate or plate or membrane or layer or surface) and electrode with (metal\$4 or \$4conduct\$4)	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/06/18 11:11
L6	18	L2 and electron with (source or emitt\$4 or inject\$4) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several \$4) and (aperture or orifice or open\$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several\$4) and cathode and extract \$4 with (array or grid or mesh or screen) AND (HEMISPHER\$5 OR BALL OR GLOB\$3 OR DROP OR ELLIPSOID\$4)	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/06/18 11:25
L7	12	L2 and electron beam with (source or emitt\$4 or gun) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several \$4) and (electrod\$4) with (aperture or diaphragm) with (plural \$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/06/18 11:25

more) or many or multiple
or several
(4) with (substrate or
plate or membrane or
layer or surface) and
electrode with (metal
or conductive) AND
(HEMISPHERICAL OR BALL
OR GLOBULAR OR DROP
OR ELLIPSOIDAL)

6/18/2010 11:28:27 AM

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